

California OES Weather Threat Briefing

Monday, December 27, 2021
9:00 AM PST

Day 1 (Monday): Heavy snow this morning across interior California with strong 2 to 4+ inch per hour snowfall rates in the Sierras. Heavy snow will shift from the Northern Sierras to the Southern Sierras today.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

12/27/21 - 01/02/22

Monday - Sunday

- Heavy snow continues Monday morning across Interior California. Snow levels will continue to lower from north to south through Tuesday.
 - Across the Sierras, snowfall rates of 2-4+ inches per hour continue through the first part of Monday, with the heavy snow shifting to the southern Sierras Monday afternoon.
 - Snow levels will range from near sea-level across far northern California to between 1,500 and 2,500 feet over the Sierra. Significant travel impacts are likely along the Sierra Foothills and across the Sierra through Monday night.
 - Strong and gusty winds will continue across many higher elevation locations through Monday, with gusts of 40 to locally 60+ mph bringing additional impacts from blowing snow, particularly across northern California, and also possibly producing some tree damage.
- Rain showers are expected across southern California Monday afternoon and evening
 - Rainfall rates are expected to remain below burn scar thresholds, but minor flooding is possible in poorly drained areas, mudslides and rockslides are possible along some mountain roadways.
 - Peak rainfall rates should fall between 0.20 and 0.33 inch per hour, but isolated rates around 0.50 inch per hour are possible.
- The lower Central/Southern Sierra foothills and San Joaquin Valleys may receive low elevation snow again Wednesday, with rain also expected across southern California valleys mid to late week.
- Colder than typical temperatures are expected through much of the upcoming work week and into the new year, especially across northeastern California where temperatures will hover in the single digits overnight.



CALIFORNIA WEATHER IMPACTS

12/27/21 - 01/02/22

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
Non-Thunderstorm Damaging Winds	All Regions						
Snow	Inland/ Southern	All Regions	All Regions	Inland/ Southern	Inland		Inland
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Coastal/ Southern						
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain/Flash Flooding/ Debris Flow	Coastal/ Inland		Coastal/ Inland				
Cold	Coastal/ Inland	All	All	All	All	All	All



No Impacts



Minimal Impacts



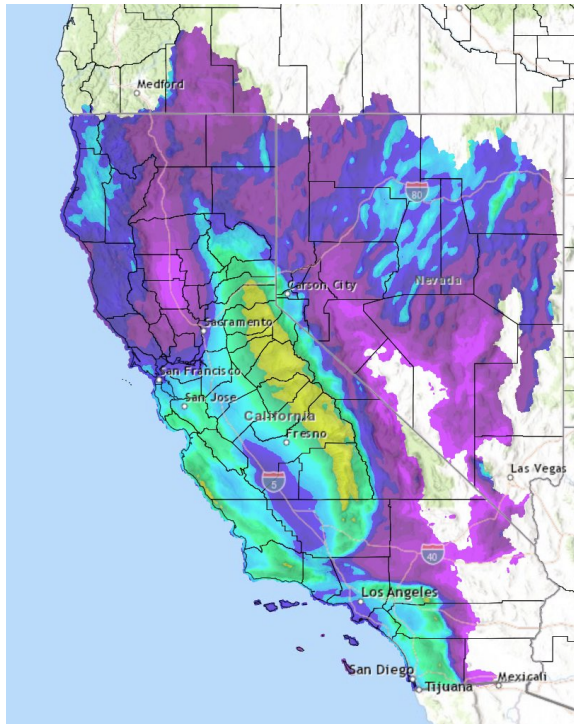
Moderate Impacts



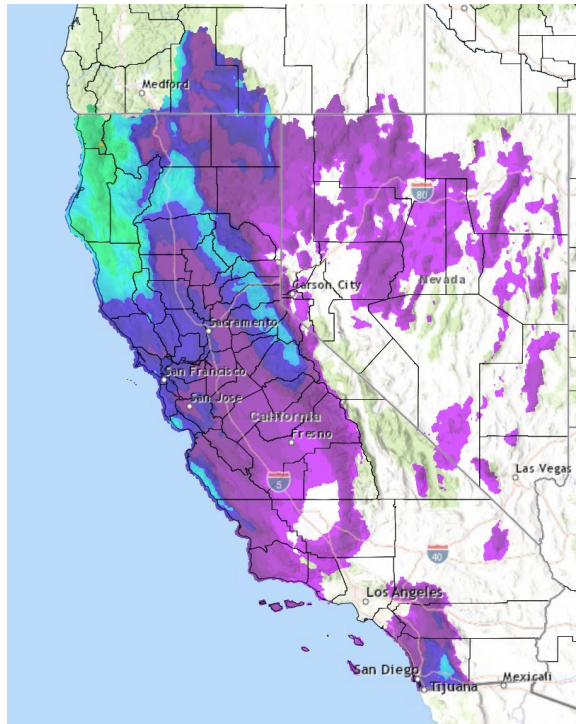
Severe Impacts

PRECIPITATION FORECAST

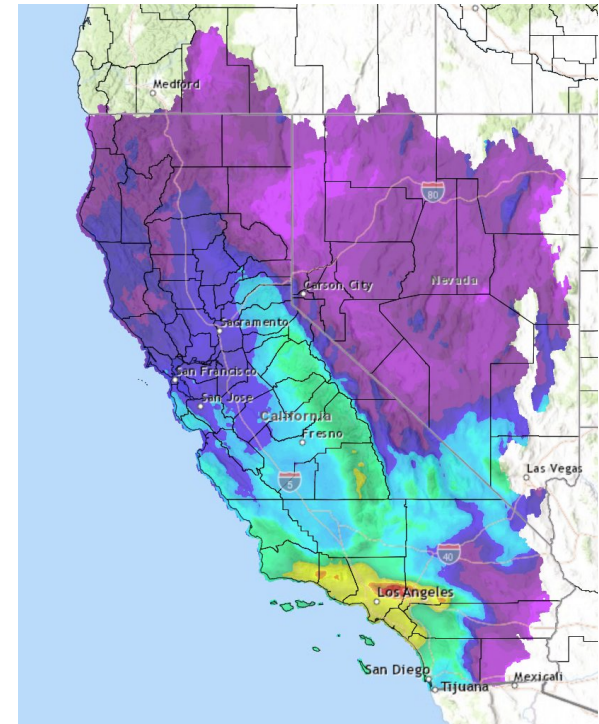
12/27/21 - 12/29/21



Monday



Tuesday



Wednesday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



WEATHER OUTLOOK

01/01/21 - 01/09/22

6-10 Day Outlook (January 1 – January 5)

Temperatures

- Below normal temperatures are strongly favored to continue statewide

Precipitation

- Above normal precipitation is favored across northern and central California, with near normal precipitation favored across southern California

8-14 Day Outlook (January 3 – January 9)

Temperatures

- Below normal temperatures are favored statewide

Precipitation

- Above normal precipitation is favored across northern and central California, with near normal precipitation favored across southern California



Information provided by:

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